

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/01630

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01J3/28 G01J3/447 G01J4/04 G01J3/51

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01J G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 38 18 278 A (JENOPTIK JENA GMBH) 16 February 1989 (1989-02-16) column 4, line 15 - line 23 column 4, line 56 - line 61 column 5, line 51 - line 55 figure 1	1,2,4,13
Y	US 5 982 497 A (HOPKINS MARK F) 9 November 1999 (1999-11-09) column 4, line 54 -column 5, line 16 column 5, line 31 - line 36 column 6, line 15 - line 26 column 6, line 64 -column 7, line 1 figure 1	1-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

11 September 2003

Date of mailing of the international search report

23/09/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 588 224 A (PRITCHARD DALTON HAROLD) 28 June 1971 (1971-06-28) column 2, line 30 -column 3, line 30 figure 2 -----	1-19

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3818278	A	16-02-1989	DD 262797 A1	14-12-1988
			DE 3818278 A1	16-02-1989
US 5982497	A	09-11-1999	US 5926283 A	20-07-1999
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			DE 2027035 A1	10-12-1970
			FR 2064050 A5	16-07-1971
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			NL 7007960 A	07-12-1970